UNITED STATES DISTRICT COURT
FOR THE EASTERN DISTRICT OF TEXAS

CHRIMAR SYSTEMS, INC.,
et al.,

Plaintiffs,

v. Civil Action No.
6:15-cv-00163

ALCATEL-LUCENT, S.A., et al.,
Defendants.

DEPOSITION OF RICH SEIFERT
Menlo Park, California
Friday, June 10, 2016
Volume I

REPORTED BY:
TAVIA MANNING, CSR No. 13294, CLR, CCRR
JOB NO. 108691

MENLO PARK, CALIFORNIA;

FRIDAY, JUNE 10, 2016; 9:06 A.M.

(Deposition Exhibits 1 through 19 were premarked for identification.)

RICH SEIFERT,

having been first duly sworn by the court reporter, testified as follows:

EXAMINATION

BY MR. COHEN:

Q. Good morning, Mr. Seifert.

A. Good morning.

Q. My name is Justin Cohen. I am representing the plaintiffs in this case, ChriMar Systems, Inc. and ChriMar Holding Company.

Are you are familiar with them?

A. I am.

Q. Now, you've been deposed numerous times before; correct?

A. Yes.

Q. Do you know about how many?

A. Between 10 and 20.

Q. So you generally understand the process and the

Q. In the AUI.

And where does it have distinguishing information associated to impedance?

A. Well, what distinguish -- the 78 ohms distinguishes it from, let's say, a 10BASE-T device, which would be 100 ohms.

Q. But 10BASE-T plugs in with an RJ45 connector; right?

A. Yeah.

Q. And this plugs in with an AUI cable; correct?

A. Yeah.

Q. The 15 pin?

A. But I don't know that at the other end of the cable, for example.

Q. At the other end of which cable?

A. Either cable. If I am presented -- if I am presented with a cable with -- with pairs of wires, I can distinguish among -- among 10BASE-T device -- between 10BASE-T devices and AUI devices by measuring the impedance across selected contacts.

Q. Can you distinguish 10BASE-T devices from other 10BASE-T devices using the characteristic impedance?

A. I don't think that's required by the claims.

Q. Can you answer my question?

A. Can I -- ask the question again?

Q. Can you distinguish one 10BASE-T device from another 10BASE-T device using characteristic impedance?

A. Using just the characteristic impedance?

Q. Yes.

A. I don't think so.

Q. Is there another way that you could distinguish one 10BASE-T device from another 10BASE-T device based on distinguishing information associated to impedance?

A. Sure.

Q. How?

A. I could distinguish a 10BASE-T device that had Bob Smith terminations on unused circuits from a 10BASE-T device that didn't have Bob Smith terminations on the unused circuits.

Q. Is that in your report?

A. No, but you asked the question and I answered.

Q. So your opinion is based on the characteristic impedance between AUI and 10BASE-T?

MR. HAWKINS: Objection to form.

THE WITNESS: I am saying that different Ethernet devices can be distinguished by the impedance that is used to terminate the lines.

BY MR. COHEN:

Q. And when you're talking about different Ethernet devices, you're talking about different types

of Ethernet devices; correct?

A. I am talking about different Ethernet devices.

Q. But they're different types; correct?

A. What do you mean by "different types"?

Q. One is 10BASE-T and one is 10BASE5?

A. They could both be 10BASE-T.

Q. But you can't distinguish one 10BASE-T device from another 10BASE-T device based on the characteristic impedance; correct?

A. Again, I don't believe that's required by the claims. I can distinguish one Ethernet device from another Ethernet device based on the impedance.

Q. This is why I -- I am trying to understand your opinions as laid out in C-2.

And as I read Element 31E, pages 6 and 7 of your C-2, what it sounds to me you're saying is that you can distinguish a 10BASE5 device from a 10BASE-T device based on the characteristic impedance, because a 10BASE5 device using an AUI cable has a characteristic impedance of about 78 ohms, and a 10BASE-T device has a characteristic impedance of about 100 ohms; is that correct?

A. Let me read this and make sure that's reasonable reading.

MR. HAWKINS: And before you answer that, I'm

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